



TECHNICAL DATA

FOR DENSE COATING MIX

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BRAND NAME :	<u>NC11 - 13F</u>
RAW MATERIAL BASIS :	CHAMOTTE
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	1300
Dry castable required , Kg/m <sup>3</sup>	1780
Approximate amount of water required for coating , Liter /25Kg	4.2 – 4.8
Bulk density , Kg/m <sup>3</sup> after drying at 110°C	1900
Cold crushing strength , Kg/cm <sup>2</sup> after drying at 110°C	200 – 300
after heating at 1100°C	150 – 250
Permanent Linear Change , % after heating at 1100°C	-1.5 to +1.5
Grain size, mm	0 – 0.5

CHEMICAL ANALYSIS :

(calcined basis)

SiO <sub>2</sub>	42.7
Al <sub>2</sub> O <sub>3</sub>	37.1
TiO <sub>2</sub>	2.5
Fe <sub>2</sub> O <sub>3</sub>	5.9
CaO	10.2
Na <sub>2</sub> O + K <sub>2</sub> O + Li <sub>2</sub> O	1.6

PACKING IN SACKS OF , Kg 25

The data are subject to reasonable variations and therefore should not be used for specification purposes .

ASTM Test Methods , where applicable , used for determination of data .

ES0100F02

(Preliminary Name: NE3 – 82)

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